|   |              |           |          |           |              |                         |           |  |               |               |                            |          |                 | 10/805,838 |              |         |              |              |                   |          |          |            | MILLER ET AL.     |         |           |              |                 |          |           |     |   |   |
|---|--------------|-----------|----------|-----------|--------------|-------------------------|-----------|--|---------------|---------------|----------------------------|----------|-----------------|------------|--------------|---------|--------------|--------------|-------------------|----------|----------|------------|-------------------|---------|-----------|--------------|-----------------|----------|-----------|-----|---|---|
|   |              |           |          |           |              |                         |           |  |               |               |                            |          |                 | Examiner   |              |         |              |              |                   |          |          |            | Art Unit          |         |           |              |                 |          |           |     |   |   |
|   |              |           |          |           |              |                         |           |  |               |               |                            |          |                 |            | Shafiqul Haq |         |              |              |                   |          |          |            |                   | 1641    |           |              |                 |          | S         | Η   |   |   |
|   |              |           |          | ·         |              |                         |           |  | $\overline{}$ | Γ,            | (7)                        |          |                 |            |              | 7       | _            | Т            |                   |          |          |            |                   |         |           |              |                 | $\neg$   |           |     |   |   |
|   |              |           |          | Rejected  |              |                         |           | -  | . (           | C             | Through numer<br>Cancelled |          |                 | alj        |              | N       | 1            | Non-         | Elec              | rence    |          | A          | Appeal Objected   |         |           |              |                 |          |           |     |   |   |
|   |              |           |          | = Allowed |              |                         |           | ÷  |               | Restricted    |                            |          |                 |            |              | ı       | Ī            | nterf        | fere              |          |          | 0          |                   |         |           |              |                 |          | ٠         |     |   |   |
|   |              |           | Date     |           |              |                         |           | <u> </u>   | <br>          |               | Claim                      |          |                 | Date       |              |         |              |              | 7                 | Claim    |          | ىنا        | Date              |         |           |              | 1               |          |           |     |   |   |
|   |              | Claim     |          |           | 1.           |                         |           | T  |               | П             |                            |          | Т               | TTT        |              | ΪΤ      |              |              |                   |          |          | $\vdash$   |                   |         |           | Т            | 1               | 1        |           |     |   |   |
|   | Final        | Original  | 7/15/05  |           |              |                         |           |  |               |               | Final                      | Original |                 |            |              |         |              |              |                   |          | Final    | Original   |                   |         |           |              |                 |          |           |     |   |   |
|   |              | 1         | -        |           |              | +                       |           |  |               |               |                            | 51       |                 | $\exists$  | $\dagger$    | +       | T            | +            |                   |          |          | 101        |                   | $\pm$   |           | $\perp$      |                 |          |           | 1   |   |   |
|   |              | 2         | Ŀ        |           | $\downarrow$ |                         | $\bot$    | igspace  | _             |               |                            | 52       |                 | 4          | 4            |         | $oxed{\Box}$ | 1            |                   | ٦ ٠      |          | 102        | П                 | T       | Ţ         | I            |                 |          |           | ]   |   |   |
|   |              | 3         | ŀ        | -         | +            | ╁                       | +         | $\vdash$   |               | Н             | -                          | 53<br>54 | $\vdash$        | $\dashv$   | +            | +       | $\vdash$     | +            | ++                | -        | -        | 103<br>104 | $\vdash \vdash$   | +       | +         | +            |                 | +        | +         | ┨   |   |   |
|   |              | 5         | -        |           |              | †                       |           |  |               |               |                            | 55       |                 |            | $\top$       |         | T            | T            | t                 | _        |          | 105        |                   | $\perp$ | 士         | T            |                 |          | $\top$    | 1   |   |   |
|   |              | 6         | -        |           |              | 4                       |           | $\vdash$   |               | Ц             |                            | 56       | П               | _          | 4            | $\perp$ | L            |              |                   |          |          | 106        | П                 | _ _     | $\bot$    | $\bot$       |                 | 4        | $\bot$    | ] . |   |   |
|   | -            | 7         | -        |           | +            | +                       | +         | ŀ  | -             | Н             | -                          | 57<br>58 | $\vdash$        | $\dashv$   | ╅            | +-      | ├-           | ╁            | ╁┼                | $\dashv$ | -        | 107<br>108 | ${\color{blue}H}$ | +       | ╁         | +            |                 | $\dashv$ | +         | ┨.  |   |   |
|   |              | 9         | -        |           | $\top$       | t                       |           |  |               |               |                            | 59       |                 |            | _            | $\top$  | T            | $\dagger$    | $\dagger \dagger$ | 7        |          | 109        | $\sqcap$          | $\top$  | †-        | +            |                 |          | $\dagger$ | 1   |   |   |
|   |              | 10        | Ŀ        |           | 1            | Ţ                       |           |  |               |               |                            | 60       |                 | $\Box$     | $\dashv$     | $\perp$ |              | L            | $\Box$            | 7        |          | 110        | П                 | $\Box$  |           |              |                 | 4        | 1         | ]   |   |   |
|   |              | 11<br>12  | -        |           | +            | +                       | +         | 1  | -             | Н             | -                          | 61<br>62 | Н               | $\dashv$   | +            | +       | ┝            | ╁            | ╁╌┼╴              | $\dashv$ | -        | 111        | ╁                 | +       | +         | +            |                 | -        | - -       | 1   |   |   |
|   |              | 13        | -        |           | $\top$       | $\dagger$               |           |  |               |               |                            | 63       | H               |            | $\dashv$     | $\top$  |              | +            | 1-1-              | _        | <u> </u> | 113        | Τt                | $\top$  | +-        | 十            | H               | _        |           | 1   |   |   |
|   |              | 14        | Ŀ        |           | _            | Ţ                       | _         | _  |               |               |                            | 64       |                 | _          | $\perp$      |         |              | $oxed{\Box}$ |                   |          |          | 114        | П                 | $\perp$ |           | $oxed{\Box}$ |                 |          | $\bot$    | ]   |   |   |
| , | 1            | 15<br>16  | =        | -         | +            | +                       | +-        | +  | -             | H             |                            | 65<br>66 | H               |            | +            | ╁       | ┝            | ╀            | ╁┼                | $\dashv$ | $\vdash$ | 115<br>116 | ₩                 |         | +-        | +            | $\square$       | +        | +         | -   |   |   |
|   | 2            | 17        | =        | $\exists$ | $\top$       | +                       | $\dagger$ |  | $\vdash$      | П             |                            | 67       | H               | 1          | +            | +       | T            | $\dagger$    | 1 1               | ┪.       | -        | 117        | $\Box$            | +       | +         | +            | Н               | $\dashv$ | +         | 1   |   |   |
|   |              | 18        | -        |           |              | I                       |           |  |               |               |                            | 68       |                 | $\Box$     | $\bot$       |         |              |              |                   |          |          | 118        |                   |         |           |              |                 |          |           | ]   |   |   |
|   | 3            | 19<br>20  | =        | $\dashv$  | +            | +                       | +-        | -  | -             | H             | -                          | 69<br>70 | $\vdash$        | $\dashv$   | +            | +       | ├-           | +            | ++                | 4        |          | 119<br>120 | $\vdash$          |         |           | -            | $\vdash$        | -        |           | -   |   |   |
|   | 5            | 21        | =        | +         | +            | +                       | +         | +  | <del> -</del> | Н             | -                          | 71       | H               | 十          | +            | +       | $\vdash$     | +            | ++                | $\dashv$ | -        | 121        | H                 |         | +         | +            | H               | +        | ╁         | 1   |   |   |
|   | 6            | 22        | =        |           |              | ŀ                       |           |  |               |               |                            | 72       |                 |            | 1            |         |              |              |                   |          |          | 122        |                   |         |           |              |                 |          |           | ]   |   |   |
|   | 8            | 23<br>24  | =        | _         |              | +                       |           |  |               | Н             |                            | 73<br>74 | $\vdash \vdash$ |            | -            | -       | ┝            | -            |                   | _        | <u> </u> | 123        | $\sqcup$          | _       | +-        | 1            | $\vdash$        | _        | +         | ļ   |   |   |
|   | 9            | 25        |          | $\dashv$  | +            | +                       | +         | ╫  |               | Н             | -                          | 75       | Н               | -          | +            | +-      | $\vdash$     | +            | ++                | -        | <u> </u> | 124<br>125 | $\vdash$          | +       | ╁╌        | ╁            | $\vdash$        | +        | -         | ┨   |   |   |
|   | 10           | 26        | =        |           |              | $^{\dagger}$            | $\top$    | <del>                                     </del> |               |               |                            | 76       | П               |            | 1            | 1       |              | $\dagger$    | ++                | 7        |          | 126        | $\Box$            | +       | $\dagger$ | +            |                 |          | +-        | 1   |   |   |
|   | 11           | 27        | =        | $\dashv$  | _            | 1                       | 1         | L  |               |               |                            | 77       | П               | $\Box$     | $\perp$      | $\bot$  |              |              |                   | Ι.       |          | 127        |                   |         |           |              |                 | $\Box$   |           | ]   |   |   |
|   | 12           | 28<br>29  | 11 11    |           |              | ┿                       | +-        | ╀  |               | $\dashv$      |                            | 78<br>79 | $\vdash$        | -          | - -          |         | -            | <del> </del> | ╂┼                | 4        |          | 128<br>129 | $\vdash$          | -       | +-        | -            | $\vdash \vdash$ | +        | +         | -   |   |   |
|   | 14           | 30        | =        | $\dashv$  | +            | ╅╴                      | ╁╴        | ╁  | $\vdash$      | _             |                            | 80       | H               | $\dashv$   | +            |         | -            | ╁╴           | 1                 | $\dashv$ | -        | 130        | $\vdash \vdash$   | +       | +         |              | $\vdash$        | -+       | +-        | ┨   |   |   |
|   | 15           | 31        | Ξ        |           | $\perp$      | $\perp$                 | $\perp$   |  |               |               |                            | 81       |                 |            |              |         |              |              |                   |          |          | 131        |                   |         |           |              |                 |          |           | 1   |   |   |
|   |              | 32<br>33  | -        | $\dashv$  | +            | +                       | +         |  | _             | _             | ·                          | 82       |                 | -          |              |         | L            | $\vdash$     | +-                | 4        | <u> </u> | 132        | $\sqcup$          | - -     | 4         | _            |                 | _        | +         | -   |   |   |
|   | -            | 34        | $\vdash$ | +         | +            | +                       | +         | $\vdash$   |               |               | -                          | 83       | $\vdash$        | $\dashv$   | +            | +       | ┢            | ╁            | ┼┤╴               | $\dashv$ | -        | 133<br>134 | $\vdash$          | +-      | +-        | +            | $\vdash$        | +        | +         | 1   |   |   |
|   |              | 35        |          | 寸         |              | 土                       |           |  |               |               |                            | 85       |                 |            |              |         |              |              |                   |          | ·        | 135        | $\Box$            | $\top$  | +         | 1-           |                 | $\top$   | +         | 1   |   |   |
|   |              | 36        |          | 4         |              | L                       | $\perp$   |  |               |               |                            | 86       |                 | _          | 4            |         |              | L            |                   |          |          | 136        | П                 |         |           |              |                 |          |           |     |   |   |
|   | -            | 37<br>38  |          | $\dashv$  | +            | ╁                       | +         | ╌  | _             | $\dashv$      |                            | 87<br>88 |                 | $\dashv$   | +            | +       | -            | ┼-           | +                 | $\dashv$ |          | 137<br>138 | -                 | +       | +-        | ╀            | $\vdash$        | -        | +-        | -   | • |   |
|   |              | 39        | Н        |           | _            | $\dagger$               | +         | 1  |               | Н             |                            | 89       | $\vdash$        | _          | +            | +-      | -            | $\vdash$     | ++                | -        | -        | 139        | $\vdash$          | +       | +         | ╁            | $\vdash$        | +        | +         | 1   |   |   |
|   |              | 40        |          |           |              |                         |           |  |               |               |                            | 90       |                 |            |              |         |              |              |                   |          |          | 140        |                   |         |           |              |                 |          |           | ]   |   |   |
|   | <u> </u>     | 41        | H        | $\dashv$  | _            | +-                      | ┿         | 1  |               | Н             | -                          | 91       | $\vdash$        | -          | +            | +       | $\vdash$     | ╀            | $\sqcup$          | 4        |          | 141        | $\sqcup$          | _       | +         | _            |                 |          | $\bot$    | -   |   |   |
|   | <del> </del> | 43        | $\vdash$ | $\dashv$  | +            | +-                      | +-        |  | $\vdash$      | Н             | $\vdash$                   | 92<br>93 | $\vdash$        | $\dashv$   | +            | +-      | ├            | ╁            | ╫╌                | -        | -        | 142        | ╁┼                | +       | +         | +            | $\vdash$        | +        | +         | 1   |   |   |
|   |              | 44        |          |           |              | I                       |           |  |               | $\overline{}$ |                            | 94       |                 | _          | 士            | 士       |              | $\perp$      |                   | _        |          | 144        |                   | _       | 1         |              | H               |          |           | ]   |   |   |
|   |              | 45        | Ц        | $\Box$    | $\perp$      | Ε                       | 1         |  |               |               |                            | 95       | П               | $\Box$     | Ţ            | Ţ       |              | $\Box$       |                   | ]        |          | 145        | П                 | $\bot$  | I         |              |                 | $\bot$   |           |     |   |   |
|   | -            | 46<br>·47 | _        | $\dashv$  | +            | ╀                       |           | -  |               | $\dashv$      | -                          | 96<br>97 | ┝╌┤             | $\dashv$   | +            | +-      | -            | ╀            | +                 | 4        |          | 146<br>147 | $\vdash$          | +       | +         | +            | $\vdash \vdash$ | _        | +         | -   |   |   |
|   |              | 48        | $\vdash$ | $\dashv$  | $\dashv$     | +                       | +         | +  | H             | $\dashv$      | _                          | 98       | H               | +          | +            | +       | -            | +            | +                 | $\dashv$ |          | 147        | $\vdash$          |         | +         | +            | $\vdash \vdash$ | +        | +         | 1   |   | • |
|   |              | 49        |          |           |              | I                       |           |  |               |               |                            | 99       |                 |            |              |         |              |              |                   |          |          | 149        |                   |         | 上         |              |                 |          |           | 1   |   |   |
|   |              | 50        |          |           |              | $oldsymbol{\mathbb{I}}$ |           |  |               |               |                            | 100      |                 | I          | $\Box$       |         |              | Г            |                   | 1        |          | 150        | П                 | $\top$  | T         | Γ            | П               |          | T         | ]   |   |   |

Application/Control No.

Index of Claims

Applicant(s)/Patent under Reexamination